

FIG. 1

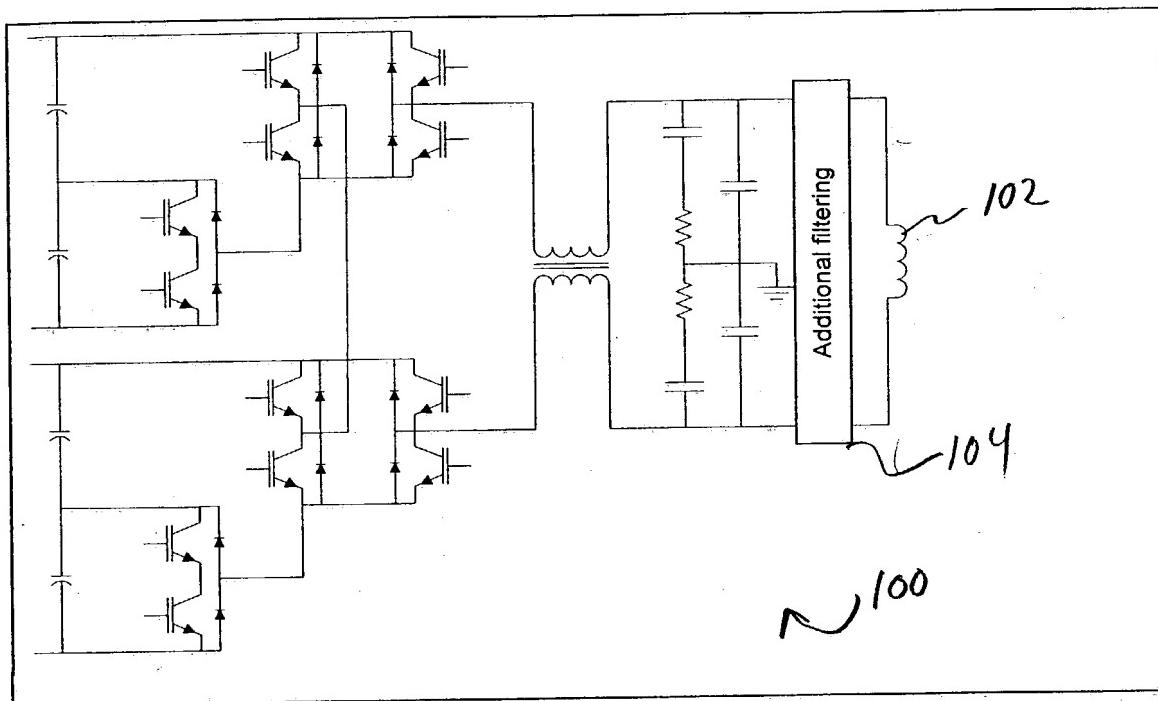


Fig. 2
PRIOR ART

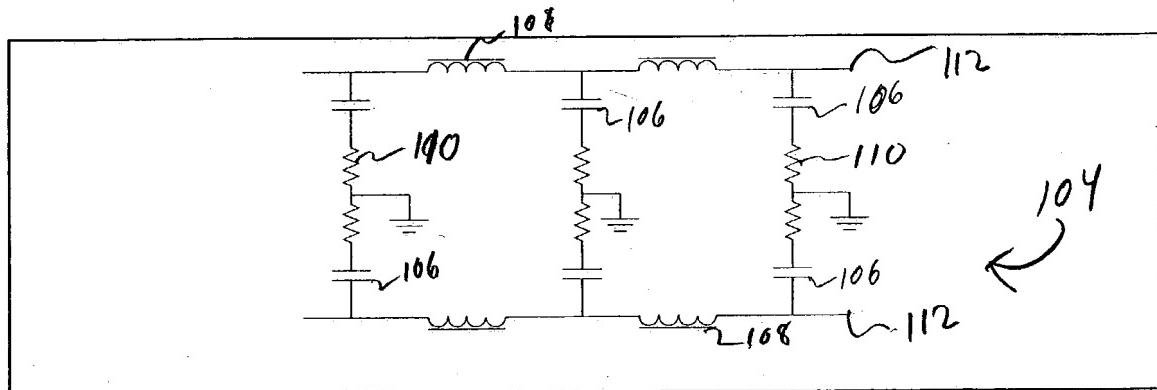


Fig. 3
PRIOR ART

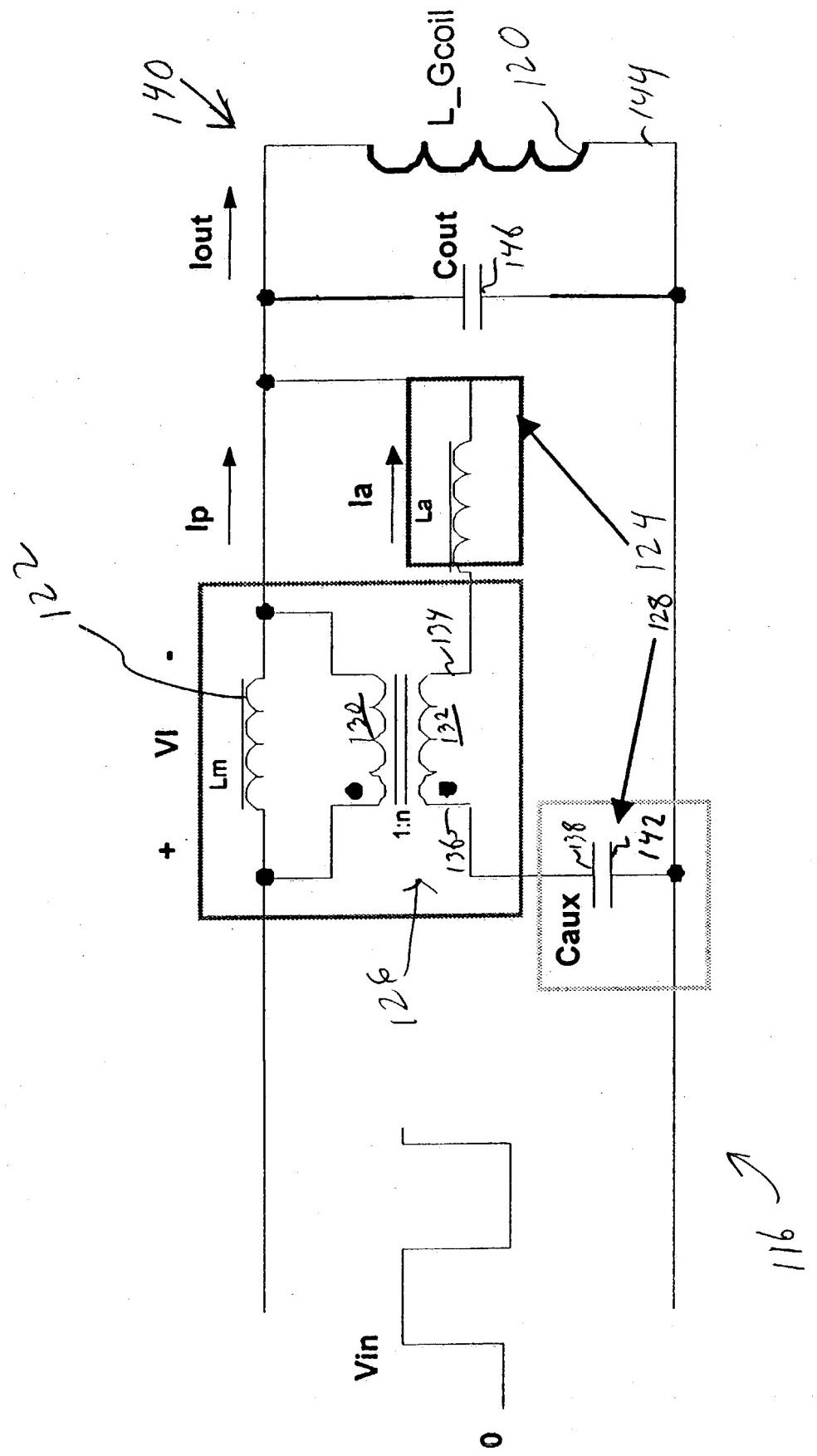


Fig. 4

116 ↗

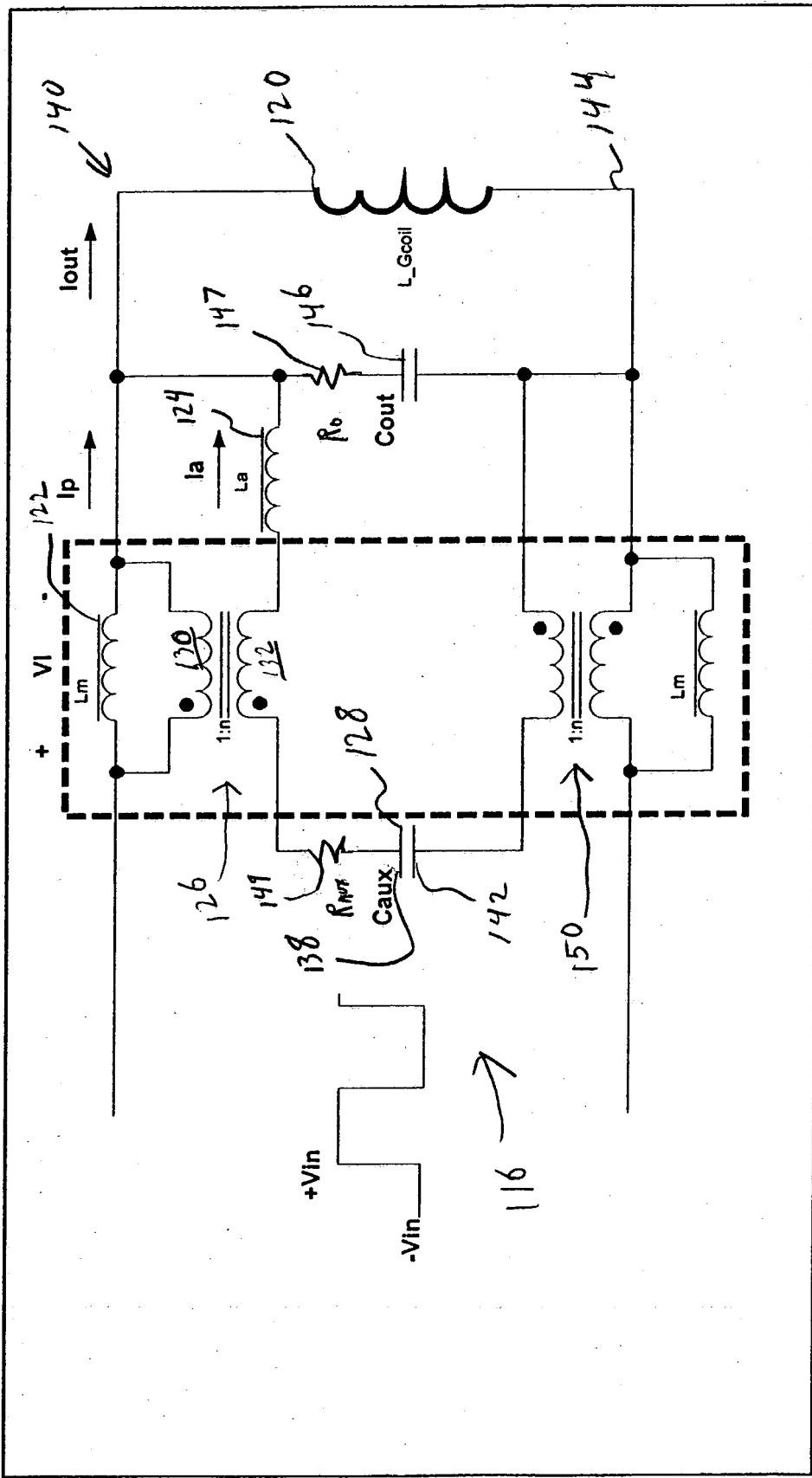


Fig. 5

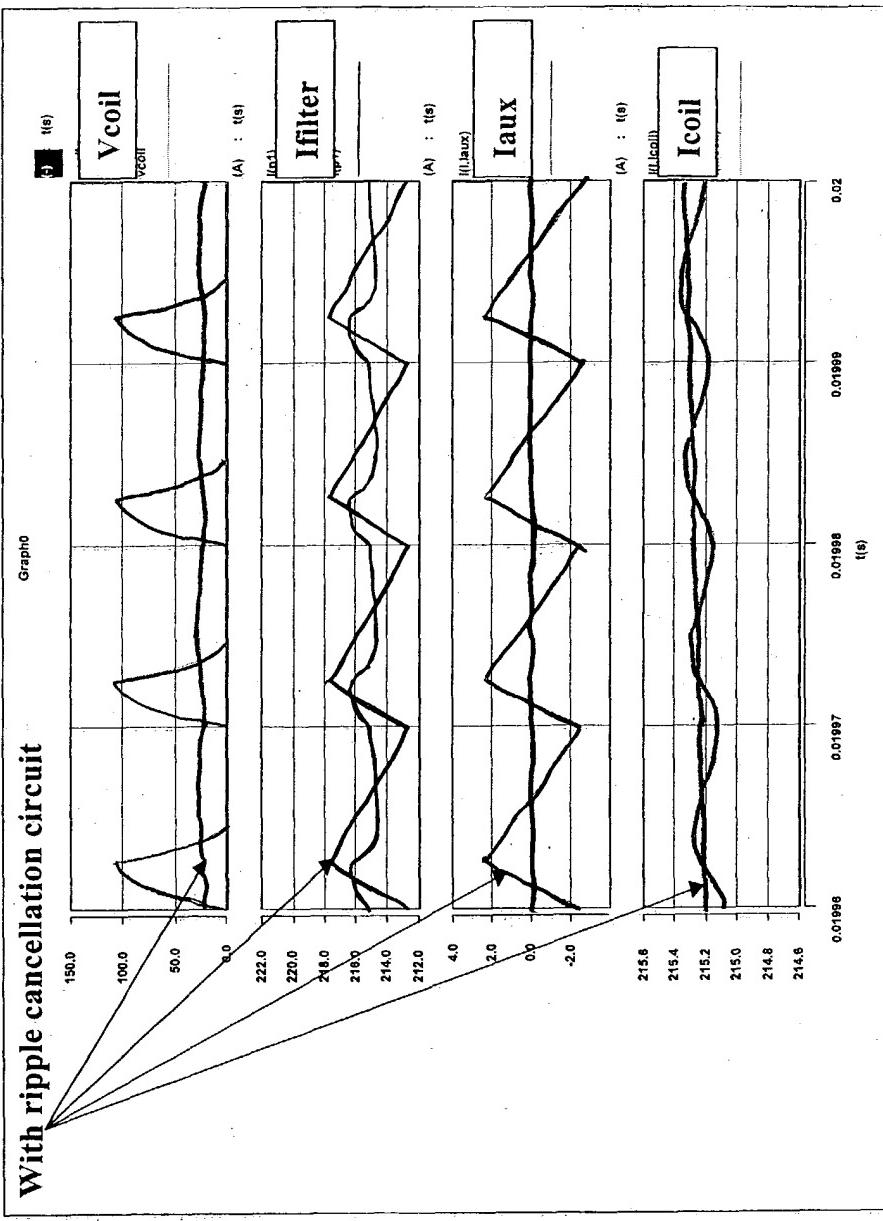
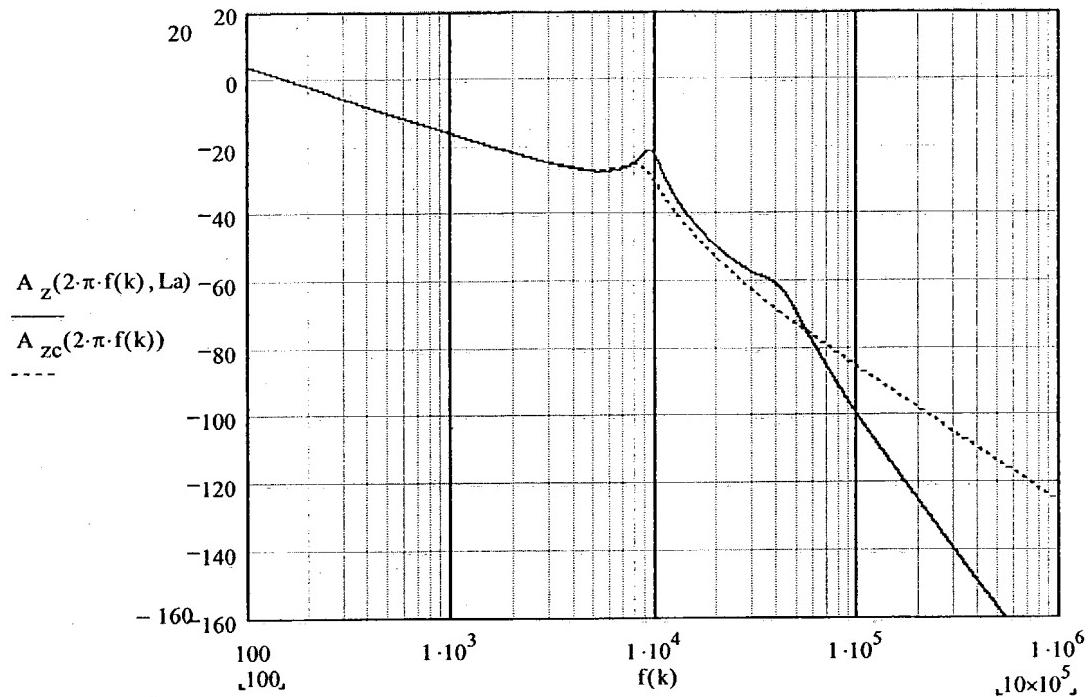


Fig 6

a) Iout/Vin



b) Phase of Iout/Vin

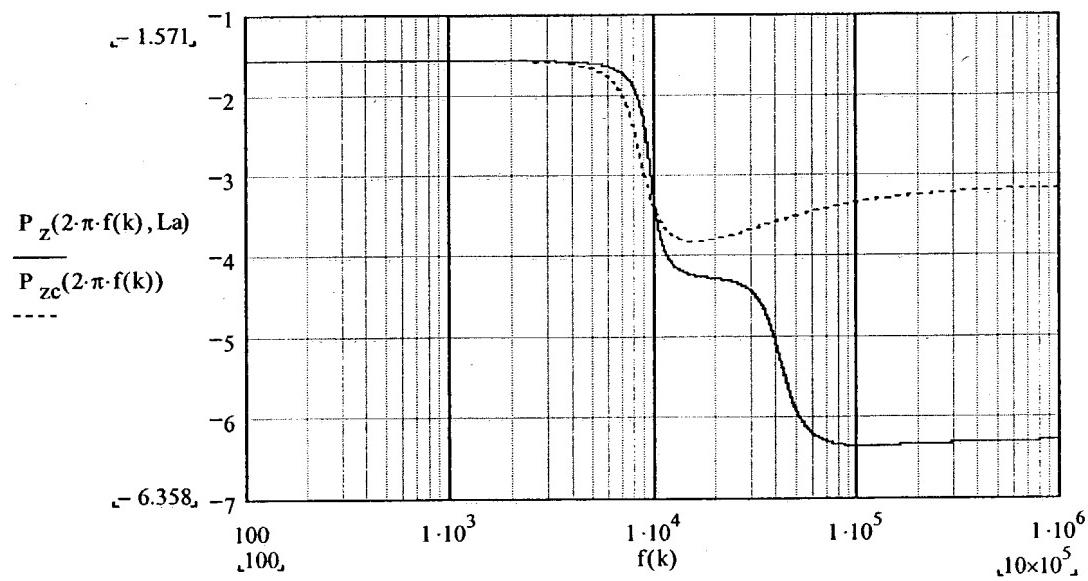
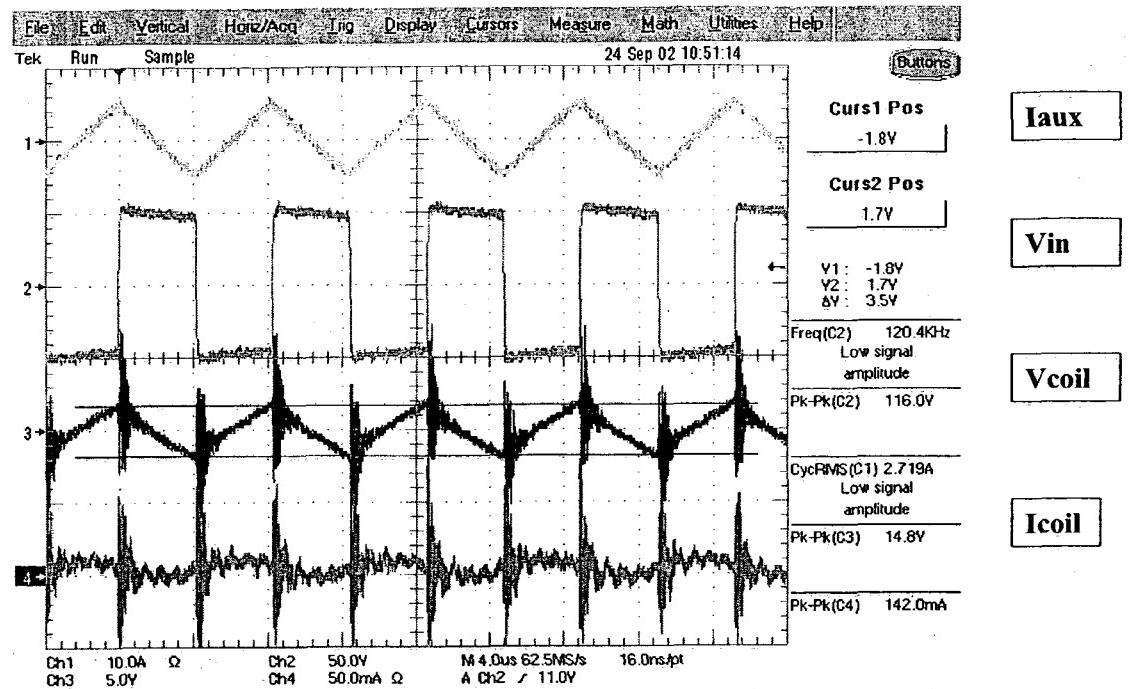


Figure 7

Waveforms with Caux =10uF



Waveforms without ripple cancellation circuit

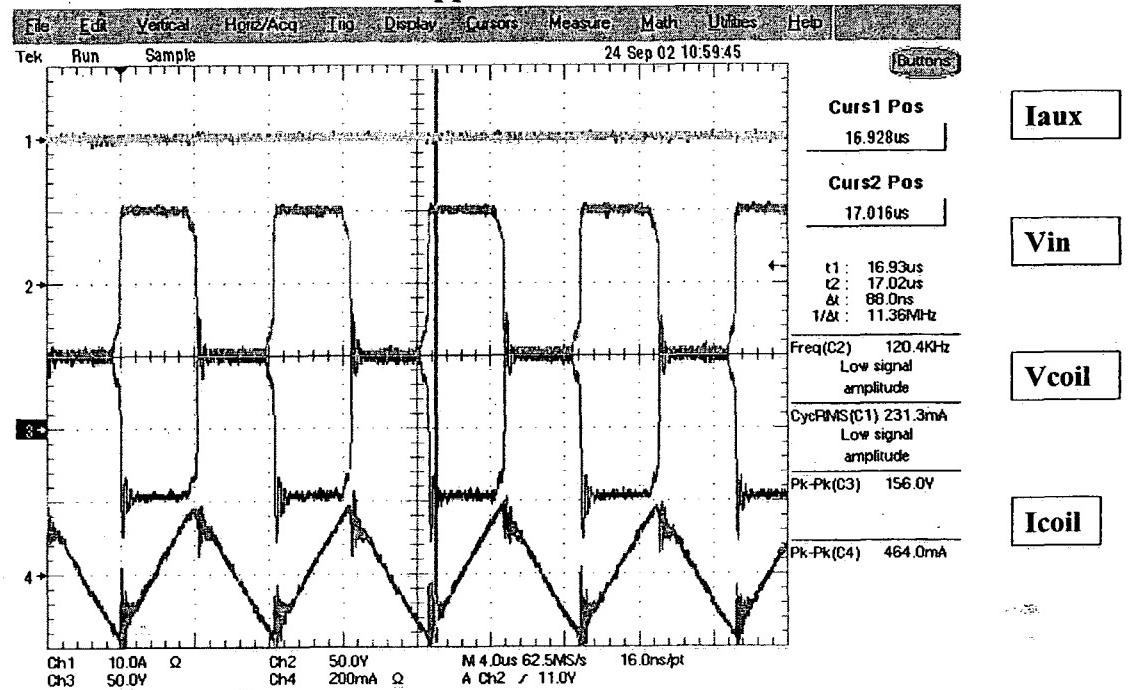


Figure 8: Measurements for square-wave input voltage. CH1 Coil voltage, CH2 V input

(after dc blocking cap).

CH3 Auxiliary current,
CH4 "Gradient coil" current